

# Project Audit

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Project:  
**FlutterSwap**

February 17, 2022



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FlutterSwap



# Overview

This audit has been prepared for **FlutterSwap** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point::

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	FlutterSwap
Ticker	FSWAP
Contract	0x4cD7D771eAE12901348e208E2E21B18214CadB8A
Network	Binance Smart Chain
Language	Solidity
Tax	Reflections: 2% Marketing: 2% Liquidity: 4% <b>Total: 8%</b>
Total Supply	150,000,000
Status	Not launched yet

## Current Stats

Burn	25,000,000 (16.6% of total supply)
LP Address	No liquidity added yet
Liquidity	No liquidity added yet
MaxBuyAmount	100,000,000

# Smart Contract Statistics

Transfer Count	5
Uniq Senders	3
Uniq Receivers	4
Total Amount	310436000 FSWAP
Median Transfer Amount	25000000 FSWAP
Average Transfer Amount	62087200 FSWAP
First transfer date	2022-01-28
Last transfer date	2022-02-07
Days token transfered	3

## Featured Wallets

Owner Address	0xF54444bF8f3b9372b652A76c30097ac97A645D44
Dev Wallet	0x442b0E89b07708E67Ddd787B9a532847238292B0
LP token address	Liquidity not added yet

## Top 3 Unlocked Wallets

Wallet 1 (16.6%)	Same as owner
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Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓



# Security Threats (Low Risk)

## Owner can change fees up to 100%

```
function setTaxes(uint256 _rfi, uint256 _marketing, uint256 _liquidity) public onlyOwner {
    taxes.rfi = _rfi;
    taxes.marketing = _marketing;
    taxes.liquidity = _liquidity;
    emit FeesChanged();
}
```

## Owner can blacklist address from trading, making it impossible to sell

```
function setAntibot(address account, bool state) external onlyOwner {
    require(!_isBot[account] != state, 'Value already set');
    _isBot[account] = state;
}

function bulkAntiBot(address[] memory accounts, bool state) external onlyOwner {
    for (uint256 i = 0; i < accounts.length; i++) {
        _isBot[accounts[i]] = state;
    }
}
```

## Owner can change max buy amount

```
function updatMaxBuyAmt(uint256 amount) external onlyOwner {
    maxBuyAmount = amount * 10 ** _decimals;
}
```

## Owner can set max wallet balance

```
function updateMaxWalletBalance(uint256 amount) external onlyOwner {
    maxWalletBalance = amount * 10 ** _decimals;
}
```



# FlutterSwap Project & Team Review

FlutterSwap will be the first decentralized exchange on BTA chain.

The token of FlutterSwap's ecosystem will be \$FSWAP.

According to their website, the utilities of \$FSWAP will be as follows:

- Staking \$FSWAP to earn more \$FSWAP or \$BTA
- \$FSWAP holders can vote for future project proposals
- NFT trading with \$FSWAP

## Team:

⚠ There is no information about the team in the FlutterSwap's website.

# Website Analysis

**URL:** <https://flutterswap.finance>

- **Design:** Pleasant color scheme and overall layout.
- **Content:** The information helps new investors understand what the product does right away. No grammar errors found.
- **Whitepaper:** Well written and explanatory, some grammar errors..
- **Roadmap:** Goals set for at least 1 year a head.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



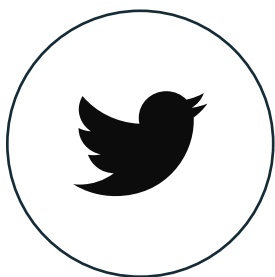
# Social Media & Online Presence



## Telegram

<https://t.me/officialflutterswap>

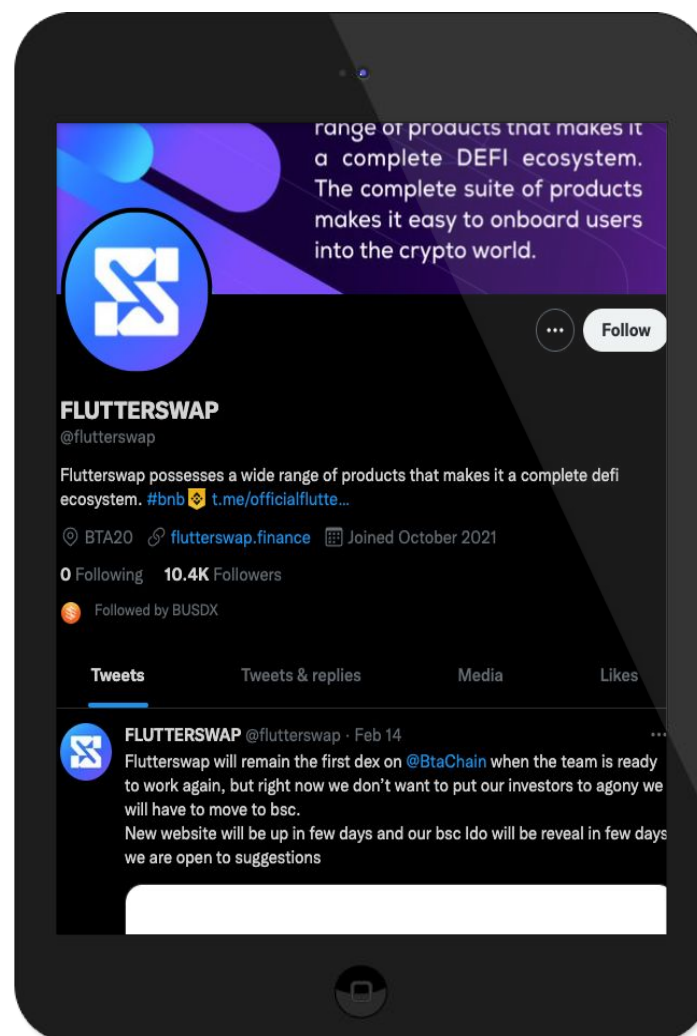
- 142 members
- No active members ⚠️
- Slow responses from devs & mods



## Twitter

<https://twitter.com/flutterswap>

- 10 400 Followers
- Posts once every few days
- Botted followers ⚠️



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.